

12 BUTTUTT

Volume 3, No. 9

OAK RIDGE, TENNESSEE

Tuesday, March 8, 1949



ALTHOUGH BILL BURNS, LEFT, AND FRANK GRAGG GATHERED THE LARGEST NUMber of prizes in the Y-12 plant-wide bowling tournament held March 5 and 6, as shown in the picture above, there were plenty to go around. Burns is a chemist in Dept. H12L and Gragg a precision inspector in Dept. M12P. For complete details on the tournament and more pictures turn to Page Three.

SPECTROSCOPY SET MEET FOR Y-12

Print Event, Portrait Talks Set For Club

A photographic contest on the subject of hands and the last of subject of hands and the last of two sessions on portrait technique will mark the regular monthly meeting of the Carbide Camera Club at 7:20 o'clock tonight in club headquarters in the East Portal of V.12

Robin Thompson, former Y-12 employee, is conducting the seminar on portrait photography. At the first meeting in February he demonstrated lighting and posing with Joyce Wendolkowski, Dept. A15N, as model. Several club members made pictures at this session and these will be criticised by Thompson tonight. He also will display some of his own portrait

Competition Program Announced Nat Stetson, Dept. H12E, vice president of the club, has compresident of the club, has com-pleted the program of competitions for the coming year. The program

follows: April 12--Black and white prints,

portraits.

May 10--Color slides, still life.

June 14--Black and white prints, children.

July 12--Color slides, flowers. August 9--Open date. September 13--Black and white

October 11--Black and white prints, print for all.

November 8--Color slides, fall

landscapes.
December 13--Black and white (Continued On Page 2)

Two-DaySession Seven Departments Of Symposium Is Scheduled

The first spectroscopy symposium to be sponsored by the three Oak Ridge facilities of Carbide and Carbon Chemicals Corporation will find Y-12 host for the important find Y-12 host for the important two-day meeting set for Thursday and Friday, March 24 and 25. Nationally known scientists will attend the symposium and present papers and the meeting will be climaxed with an address by Dr. Robert F. Bacher, member of the Atomic Energy Commission.

Dr. Bacher To Speak March 25

All of the symposium sessions

All of the symposium sessions will be held in the Y-12 cafeteria with the exception of the address by Dr. Bacher, which will be deliv-ered at the auditorium of the Jefferson Junior High School at 8:30 p. Friday, March 25.

With the symposium scheduled to (Continued On Page 2)

Ziemke To Address Class In Safety

Paul C. Ziemke, of the Y-12 Safety Department, will be guest speaker at a meeting of the University of Tennessee credit course class on safety engineering at 6:50 o'clock Monday night, March 14, in Room A112 of the Oak Ridge High School. He will speak on Electrical Hazards. Visitors are invited to attend the class session. G. C. Henderson, Chief Safety Engineer of Y-12, is instructor of the course.

Report All Present

Seven Y-12 departments, all in the Minor League composed of de-partments with from 15 to 49 em-ployees, reported perfect attend-ance records for the week ending February 27.

Four Departments Are Repeaters

Four Departments Are Repeaters
Four of the seven were repeaters from the previous week. They were Dept. A12N, Special Facilities; Dept. A13T, Transportation; Dept. A19N, Laundry; and Dept. A13S, Tool. Joining this group were Dept. B12A, Superintendents; Dept. A12D, Medical; and Dept. A14J, Fire. They rose from third, fourth and seventh places held the previous week. previous week.

Second place in the Minor League went to Dept. M12P, Ma-terial Control, which had a perfect record for the previous week and posted a .9 per cent absentee mark for the week ending February 27. Dept. A12N, General Maintenance Office, Planning and Estimating, with an absentee record of 1.3 per cent climbed from ninth place to third for the same week.

Dept. A14N Jumps To Top

In the Major League of departments with more than 50 employ-ees, Dept. A14N, Electrical Equipfrom eighth place held for the week ending February 20 to first for the most recent reporting period and had an absentee mark of 1.2 per cent. Dept. A20N, Field Mainte- (Continued On Page 2) promote safety and economy.

In fact, during the past few days more than one Y-12 vehicle has been reported damaged by burns traced to cigarette stubs or live ashes. One such case resulted when the vehicle was unoccupied and it ment Repair and Maintenance, rose

Automobile Stickers For Entrance Into Controlled Area Of Oak Ridge To Be Issued In Y-12 This Week

Issuance of automobile sticker passes for admission of vehicles of Y-12 employees to the new controlled area that will be created by the Atomic Energy Commission on the opening of Oak Ridge to the public about March 19, will begin in the plant this week. At the same time application forms for passes for members of families of employees who

Y-12 Makes Good

Progress In Drive For Red Cross

Substantial progress was being made in Y-12 last week in the 1949 fund campaign for the Oak Ridge

Chapter of the American Red Cross. The drive was launched last Tuesday in the plant and just a

day or so after the movement was

inaugurated some Y-12 departments already had reported 100 per cent participation in the campaign.

At press time of The Y-12 Bulle-

tin last week, however, reports were not complete. Following the pay day of last Friday many more departments were expected to be placed on the 100 per cent participation list and contributions.

pation list and contributions preat-ly increased.

Contributions may be made by cash, check or through payroll deductions, it is pointed out.

The plant Red Cross drive committee is headed by H. O. Ramey, Superintendent of the Employment

Department, and was chosen in co-operation with Supervision. Mem-bers of the committee include Mrs.

Early Return of Cards Urged

How Gifts May Be Made

tenance.

regularly transport employees to and from work will be issued and passes for the family members issued on completion of the appli-

All of the forms will be distributed through Supervision in various departments throughout Y-12.

departments throughout Y-12.
Cards, Stickers Numbered Alike
Employees in Y-12 using their
own automobiles on application to
their Supervisors will receive a
card to be signed pledging that no
unauthorized persons will be knowingly brought into the controlled
area as a passenger in the employarea as a passenger in the employ-ee's car. The cards are numbered serially and after one is signed the employee is issued a sticker with the same number as the card.

This sticker is to be placed on unthe windshield of the employee' unautomobile. It is to be stuck or 10 p.m. automobile of the rich loser of

the windshield of the employee' unautomobile. It is to be stuck or 10 pm. upper left corner of the rich loser of of the windshield where the loser of can be seen by guards one at 3.15 trances to the controlled pit the losers. How Far Iv Passes A Game No. 3. Two windshield per holds out and said pe

bers of the committee include Mrs. Fern Cunningham, Engineering; Howard Harmon, Refining; K. S. Lyle, Stores, Shipping and Receiving; Bruce Whitaker, Manufacturing Offices, Pat Hamrick, Industrial Relations and Wage Standards; L. E. Parsons, Research and Development; W. S. Herron, Chemical; and Nelson Tibbatts, Maintenance.

Pledge cards for the campaign have been distributed throughout the plant and an early return of the cards is urged so that progress The regulations govering urtain will to the new controlled area aer bracket scribed by the Atomic Energy another mission are designed to provid a minimum of delay in transportation of plant employees to and from work and at the owner times are in the series of the ser of the campaign can be recorded. Last year Y-12 was the first unit in its group in Oak Ridge to report "over the top" in the campaign and an effort is being made to equal that record in even shorter

work and at the same time maintain adequate security.

When Oak Ridge is declared an open city about March 19 entrance to the controlled area will be limited to six entrances. They are the present Blair, Gallahar and White Wing gates and the new entrances at Kerr Hollow on Bethel Road, Midway on Solway Road and the (Continued On Page 2)

Care Urged In Mixing Cigarettes And Automobiles To Bar Damage

Cigarette smoking in bed long was believed a cigarette flipped has been recognized as one of the from a nearby window fell into the world's greatest fire hazards to parked car. Anyhow, a seat was life and property and the Y-12 Fire Department recently has discovered that cigarettes and automobiles do not mix in any manner tending to

The goal of the Oak Ridge Chapter this year is \$18,500. Of this amount, 90 per cent remains in Oak Ridge to carry out the chapter program. This program closely follows

the work carried out by the chapter

during the past several years.

badly damaged. Other damage to interiors of cars have been reported from stubs or ashes falling on upholstery.

Therefore the Fire Department has urged all drivers and passengers to be careful in their smoking habits while riding and to take steps to protect vehicles from posashes. One such case resulted when sibly having cigarettes carelessly the vehicle was unoccupied and it flipped into them by passers-by.

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Oak Ridge

North Portal, Bldg. 9701-1 Telephone 7-8252

Automobile Stickers To Be Issued In Y-12

(Continued From Page 1) new Oak Ridge Turnpike entrance west of the city limits.

Individual badge checks are not anticipated regularly at the entrances. However, operators of personal vehicles are cautioned to reduce speed when approaching entrances and be prepared to stop if signaled to do so. Spot checks may be made in the interest of se-curity but no regular checking of individual badges is expected during peak traffic periods.

Y-12 employees losing or forget ting their badges will not be delayed at the entrances to the con-trolled area. They will be required to follow plant regulations for obtaining a temporary pass at the Badge and Pass Office.

Griffin And Dr. McNally To Present Scientific Papers

Two Y-12 scientists, Paul Griffin and Dr. J. R. McNally, Jr., of the lastope Physics Section of Dept. winner will present papers at the red-hot of the Optical Society of Hostilities in New York, March Oak, Terrire

Oak Terrire
Clinch Radio II present a 12 enLast week Vimenta land in pler
of three games Clinchry-Perot
The Pane scores we. lose Doub878 and 884 for a total of 2, 44 in
Clinch posted 872, 922 and 855 foy's
a total of 2,659. The Y-12 indi-Further
scores were bunched wheatrum of a total of 2,555. The Period Turther scores were bunched wpectrum of Zabenco leading the packum," prefollowed by Rudy Pletz?, Harrison, Nelson Tibbatts with Institute of Cobble with 502 and Ho with 501. Tibbatts L

single game score v Duncan and Cobble Is Moved games of 191.

League standing fortal Rooms

Team W L
Allards 45 3
Mon
Clinch Radio 27 21
Addressograph 27 21
K.25. 25 23
Ror employees, has OFce, compensation Sor employees, has a its former locaasary to new quarth Portal. Rooms 15,

Graff And Bw are occupied by the

Most Bow control reports also are in the new quarters of the (Conce Office, which is shared bles ever Housing Office. All emschultz. 5 having business with any of split in groups are urged to note the side a controls. side a ocations.

victor elephone numbers for the Inagain nce Office remain the same, pai are 7264 and 7651. The Hous-sice telephone also remains e, being 7-8328.

Ridge Film Society which is starting a new series of six films. The club is open for membership at of the Atomic Energy Commission, \$1.50 per person, which includes also are members of this committee, privilege of seeing all of the six tee. Some of these men also are on the program, arrangements and executive committee. may be obtained by telephoning 5-4681 or writing to the club at P. O. Box 222, Oak Ridge.

The club has selected eight films, from which six well be presented. They are "Shoe Shine." "39 Steps," "Crime and Punishment," "The Lady Vanishes," "The Overlanders," "The Seventh Veil," and Parts No. 1 and No. 2 of "Les Miserables."

Tospital List

The following Y-12 employees were patients at the Oak Ridge Hospital recently: Gene N. Oliver, Dept. A13D, Lena L. Newsome, Dept. M12P; Frederick C. Uffelman, Dept. M12P; Frederick C. Uffelman, Dept. M12M; Emma V. Spivey, Dept. H12D.

Y-12 Bulletin Two-Day Session **Set For Symposium**

(Continued From Page 1) be held in Y-12, a number of Y-12 men are active in arrangements for GEORGE W. DOBBS . . . Editor | the sessions. Dr. S. C. Lind, of K-25, is general chairman for the symposium and Y-12 members of the general committee include Dr. C. E. Larson, Y-12 Superintendent; Dr. C. P. Keim, Dr. E. D. Shipley, Dr. J. R. McNally, Jr., and L. E. Burkhart. Dr. McNally is chairman of the program committee for the entire session, Burkhart is chairman of the arrangements committee and Dr. Larson is a member of the executive committee.

Duke Professor On Program

The symposium will be devoted to optical spectroscopy with a specsession of invited papers on microwave spectroscopy at 4 p.m. Friday, March 25. The main program is divided into three sessions with invited papers and the Group Physics Seminar committee has ar-Physics Seminar committee has arranged to conduct a microwave symposium Friday afternoon. At the seminar symposium Dr. Walter Gordy, of Duke University, will be the principal speaker and in addition brief papers will be given by representatives of the three Carbide facilities in Oak Ridge.

The spectroscopy symposium will

Th spectroscopy symposium will open at 9 a.m. Thursday, March 24, with registration and will be followed by the first session, of which Dr. McNally will be chair-man. Dr. William F. Meggers, of the National Bureau of Standards, will present a paper on excitation of spectra. Following lunch in the Y-12 cafeteria, the second session on research in spectroscopy will be held with Dr. G. R. Harrison, of the Massachusetts Institute of Technology, presenting a paper. Dr. S. A. Goudsmit, of the Brook-haven National Laboratory of the AEC, will be chairman of the ses-

Tour & Plants Scheduled

The third symposium session will be held at 9 a.m. Friday, March with W. Brode, of the National Bureau of Standards, as chairman. Dr. N. H. Nachtrieb, of the Archively of AFC. gonne National Laboratory of AEC will present a paper on spectro-chemical methods. Following lunch, a tour will be made of the Carbide installations in Oak Ridge. The microwave symposium will follow

The principal social event of the session will be a dinner at 6:30 p.m. Friday in the Y-12 cafeteria. Tickets for the dinner will be \$3 per person and all Y-12ers desiring to attend the affair are urged to communicate with Burkhart, Bldg. 9734, telephone 7298; Y-12 members of the general committee or members of the local spectroscopic group. Tickets for the dinner should be obtained as far in advance as possible, Burkhart urges, so that accomodations can be arranged.

Carbide Officials On Program

Clark Center, General Superin-tendent for Carbide and Carbon Chemicals Corporation facilities in Oak Ridge, will be toastmaster at the Friday night dinner. Dr. George T. Felbeck, vice president of Carbide and Carbon Chemicals Corporation, will introduce Dr. Bacher at the Jefferson Junior High

Committeemen from the other Carbide facilities here working on The standard of the symposium include F. W. Hurd, C. K. Beck, R. H. Lafferty, Jr., L. H. Rogers and J. S. Kirby-Smith, all of K-25; and E. J. Murphy, D. C. Bardwell, M. T. Kelley and C. Feldman, all of the standard of the standard process of the



Among the chorus members in the Lions Club minstrel show last week were J. D. Hayes, Dept. A12S, Elmer Olson, Dept. H12E, and E. M. Williams, Dept. M15P. Phil Ru-eff, Dept. H12L, a "hot" boogiewoogie boy on the piano, teamed up with Don Cowan, a former Y-12er, to provide sultry music for dance doings by Bill Bonham, another Y-12er and featured terpsichorean artist of the show.

W. E. Davis, Dept. A23J, and his family spent last week on vacation with relatives in Taylorsville, Ky., during which time Davis attended the Southeastern Conference basketball tournament in Louisville,

Perry Redman, Dept. A13S, is vacationing with his family in Wartburg, Tenn.

Dept. H12D extends get well wishes to Bill Hoover who is ill at his home in Bellbuckle, Tenn. . . We are happy to see Virginia Spivey back on the job after being ill
... C. D. Susano has been discharged from St. Mary's Hospital
and is now recuperating at his home in Knoxville.

Ed McGill, Dept. A21N, is spending his vacation working on his farm near Edgemore, Tenn.

J. R. Love and Tom Crabtree, both of Dept. H12L, motored to Louisville, Ky., over their long week-end break . . . E. C. Sharpe and his family motored to Florence, Ala., to visit relatives. R. L. Jeffries reports a new addition to the Jeffries family, a baby boy, Charles, weighing seven and one-half pounds, born February 26. The baby's mother, Mrs. Fannie Jeffries, is a former Y-12er...O.B. Rudolph joined the Instrument Society of America recently . . . Roy Rocaberry is back on the job after vacationing . . Boody Garrett and her husband are sporting a '49 Mercury these days. We wish you happy motoring

F. A Watt, Dept. A14J, was on vacation list last week.

Ira Shotts, Dept. A12M, is still chuckling over the ten-foot long letter he received from his friends while he was in the hospital.

T. E. Lanford, Dept. A20N, spent his vacation last week moving in the Lanford's new home near Lake City, Tenn. . . . Get well wishes are extended to the wife of J. H. McCully, who is ill.

Dept. M12P reports Earlene Elder, May Carson, Ethel Bow, Margaret Carter and Ann Wiggins were in New Orleans visiting with Mrs. Polly Kraft Costain, former Y-12 employee. The girls planned to take in all the thrills of the Mardi Gras celebration, which was then in progress . . . Vera Rogers then in progress . . . Vera Rogers spent the past week end visiting with her cousin at Carson-Newman College in Johnson City . . Cate visited in Rogersville, Tenn.

B.B. Thornton, Dept. A12S, and his family made a week-end visit with relatives in Kingsport, Tenn. ...Mrs. Betty Bustin, of Framingham, Mass., is visiting her brother, W. L. Coggins, and his family . . . Get well wishes are extended to J. R. Bayless, who is on the sick list . .

J.B.Hopkins, Dept. A12G, is the proud papa of a baby boy, Jimmy Collins, weighing eight pounds and two ounces, born February 28. The baby's mother, Maxine Hopkins, is a former Y-12er . . . P. C. Dabbs and his wife visited with friends in Florence, Ala., during his five-day-break... Get well wishes are extended to Jack Holt, who is ill in the Veterans Administration hos-

the Veterans Administration hospital in Johnson City.

Dept. M15P extends a speedy recovery wish to the wife of D. W.

Davis, who is ill in Chilhowee, Va.

Another featured performer in the Lions Club minstrel show was "Herc," the Chihuahua pup belonging to the family of Tom McKenzie, Y-12 Plant Protection Superintendent. "Herc," a very little chap, and Roy Huffman, a gent of some size, put on a contrast act that was popular with the customers out front.

Talks Set For Club Print Event, Portrait

(Continued From Page 1)

prints, Christmas cards.
January 10--Black and white prints, silhouettes.

Competition rules provide that black and white prints must be eight by 10 inches minimum size on 16 by 20 inch vertical mounts. The negative age must be less than one year and entries are limited to three per contestant. The picture should be titled and on the back should be given the camera used, exposure, lighting, film and devel-oper, paper and developer and ton-er, if any.

Color slides are acceptable in either two by two or 2¼ by 3¼ inch mounts and entries must be less than one year old. Four entries per person is the limit and the slides should be accompanied by information on the camera used, expo-sure, kind of film and lighting.

Seven Departments In Y-12 Report Perfect Attendance

nance, the previous period first place holder, dropped to second with a record of 1.5 per cent. Third with a record of 1.5 per cent. Third place was taken by Dept. A12S, Receiving Stores and Shipping, with a mark of 1.6 per cent. This department was in second place the previous week.

The plant-wide absentee record in Y-12 for the week ending February 27 was 2.7 per cent. This is .2 per cent higher than the previous

15 Church Groups Select Sites To Be Sold By AEC

Oak Ridge church groups now have the approval of the Atomic Energy Commission to buy land for the erection of church and church school buildings, it has been Tolley To Hear

enurch school buildings, it has been anounced by the Office of Community Affairs of the AEC.

Sites have been selected by 15 different church groups in Oak Ridge from plots submitted by the AEC. Additional plots will be made AEC. Additional plots will be made available to other church organizations that may later decide to build.

The land will be sold at a price based on the cost of the land and existing improvements and fair prises for sites already selected now are being determined. The sale agreement between the AEC and church group provides that the church will be fully responsible for all construction and maintenance costs of the buildings and will pay for utilities at established rates. Should use of land sold for church purposes not be used for such puroses the land will revert to the AEC, according to the plan.

Bizet Symphony On Record Program

George Bizet's Symphony in C Major will be the featured attraction on the weekly recorded concert of the Oak Ridge Listening Group at 8 o'clock Thursday night in the East Lounge of the Ridge Recrea-tion Hall. Other numbers on the program include Le Cid ballet suite y Jules Massenet, the Sebastian ballet suite by Ciano-Carlo Menetti, Siegfried's Rhine Journey and the Funeral Music from Die Gotter dammerung, by Richard Wagner.
The public is invited to these con-

certs and admission is free. The by David Jacobs.

size, put on a contrast act that was popular with the customers out front.

Three births were reported to Y-12 families at the Oak Ridge Hospital recently. Parents were Mr. and Mrs. Ralph L. Jeffries, a son, wish that good looking man would give me a seat." Five men promptly got up!

Three births were reported to Y-12 families at the Oak Ridge Hospital recently. Parents were Mr. and Mrs. Homer system. Work on the project is scheduled to start June 8 and will be completed by August 15.

Stop look and Installing 692 flourescent lighting fixtures in the school. The present 400-ampere service will be replaced by a new 600-ampere system. Work on the project is scheduled to start June 8 and will be completed by August 15.



Mrs. and Mr. C. G. Hubbard



HUBBARD--GREENE

Announcement has been made of the marriage last December 24 of Cecil G. Hubbard, Y-12 employee in Dept. A20N, and Miss Mayo Greene, daughter of Mrs. E. L. Greene, of LaFollette, and the late Mr. Greene. The marriage was performed at

the home of Mr. and Mrs. J.E. Hawthorne, of New Albany, Miss., brother-in-law and sister of the groom. Hubbard is the son of Mr. and Mrs. G. W. Hubbard, of New Albany.

The couple now is living in Oak

Talk By Dr. James Webb

The March meeting of the East Tennessee Section of the American Chemical Society will be held at Dabney Hall, University of Tennes see, at 8 p.m. Tuesday, March 8, Dr. James L. A. Webb, who in 1946 was appointed associate professor of chemistry at Southwestern University in Memphis, will speak on the subject "Heavy Metal Poisoning.

The dinner preceding the meeting will be held at the S. & W. Cafeteria. Reservations are not required for the dinner. Members are en-couraged to start through the line at the cafeteria promply a p.m. and then proceed upstairs to Room Five.

Playhouse Sets New Production

Rehearsals have started for the next production of the Oak Ridge Community Playhouse, "Hasty Heart," which will be presented April 7, 8 and 9. The play will be presented at the high school auditorium with curtain time at 8:15

Ardis Leichsenring, wife of George Leischsenring, Dept. H12E employee in Y-12, is a member of the cast of the production. Bob Tedder is director of the play.

Better Lights Set For Highland View

Improved lighting is planned for the Highland View School, it is indicated by the announcement by the Atomic Energy Commission that bids for installation of a flourescent lighting system at the school will be opened at 2 p.m. March 30.

The work will consist of furnishing and installing 692 flourescent lighting fixtures in the school.

SPORTS NEWS

First Baseball Meet **Called For Cardinals**

When news from Florida, Calipromptly bit a group of Y-12 diamondeers who are veterans of the Cardinals of last year with the result that the first meeting to organize a Y-12 varsity team for the coming season was called. The session will be held at the home of Fred Kappelmann, 120 Venus Road, at 8 o'clock Friday night, March 11, and all veterans of last year's team. and all veterans of last year's team and "rookies" who wish to try out for the Cards are urged to attend the meeting.

Recreation Supervisor Tiller has announced that the team will enter whatever Oak Ridge City League is formed for the coming season. Several all-around coming season. Several all-around good players are available for the coming season, including Kappelmann, a right-handed hurler with a lot of stuff when right; Bill Burns, slugging outfielder; Bill Dodson, agile and speedy catcher; L. C. Martin, steady infielder; Frank Thurman, another infielder; McAlister, utility man, and others.

D League Play-Off Set For March 16

The final roll-off to determine the winner of the D League bowling race for the season has been set for Wednesday night, March 16, at the Central Alleys. This event will bring together the Termites, winners in the first round; Splinters, who captured the second round; and the Overheads, who triumphed in the last round that was com-pleted last Wednesday night.

The Overheads finished well out in front in the last round despite losing four points to the Scotties in the last night of play. In other matches the Termites chewed four points from the Strikers, the Splinters and Pinbusters divided four points and the Old Men took three from the Woodchoppers. Individual scoring honors were well divided. Frank Gragg, rolling for the Scotties, posted a 202 scratch single game and Ernie Cobble, of the Termites, had an even 200. Gragg had the best scratch series with 552, followed by Cobble with 534 and Knox, of the Termites, 530. Knox also had the best handicap series with 629, followed by Cobble with 609 and Gragg and Harry Brundage, of the Strikers, each posting 600. Brundage scored the best handicap single game with 237, followed by Cobble with 225 and Gragg with 218.

The Termites took top honors cover the heavy in team scoring. The Overheads finished well out

The Termites took top honors across the board in team scoring with 810 single scratch, 2,351 series scratch, 975 single handicap and 2,846 series handicap.

Y-12 Cagers Played First

but in the Southern Appalachian basketball tournament in Knoxville Monday night. The Y-12 team was entered in the Class B group in the tournament that drew a large number of teams from Knoxville and nearby territory.

The Y-12 squad included Ramsey, Prater, Shoemaker, Wright, Grimes, Cottrell, Walton, Crouse, Blankenship, Jefferies, Rice, Kappelmann, Dodson, Trubilcox, Love, Saine, Crabtree and Oliphant.

New stenog: How do you spell graphic" — with one "f" or two? Boss: Well if you're going to use

FIREWORKS SEEN IN PLANT CAGE MEET

Calutrons Take Rubber Game Of Series From Guards To Win Season's Championship In Plant Cage Loop

The Calutrons were crowned champions of the regular season of play in the plant basketball league last Thursday night when they took the rubber game of a three-game play-off series with the Guards. The score of the final tilt was 35 at 27 win in the second tilt.

The Calutrons copped the first quarter, increased to 17-4 at the half and 22-11 at the three-quarter pole. Cottrell led the Cals in scoring in the dull tilt, tallying 11 points. Oliphant got eight and Ramsey and Crouse seven each. Williams led the Course seven each. Williams led the Course seven each. fornia and Arizona trickled into Oak Ridge last week that the major league baseballers were at it again in spring training, the bug it again in spring training, the bug again in spring training, the bug again in spring training to the first two games, it again in spring training to the first two games, it again in spring training, the bug again in spring training to the Guards are the Guards and Arizona trickled into Dliphant got eight and Ramsey and a 28 to 27 win in the second tilt. However, the third scrap found the Guards in scoring with eight counters, bagging four out of five missing their sparkplug and high-

58828

the fireworks are expected to be bright and loud. "Big Shots" Are In Danger

Twin-Bill Tonight

Will Open Hostilities

The final stages of plant league basketball in Y-12 will get under way at 7:15 o'clock tonight at the

Oak Ridge High School gymnasium and before the shooting ends next Wednesday or Thursday night in the double-elimination tournament

From advance indications dope-sters probably will select the Guards and Calutrons to continue their feudin' and fussin' right on through the tournament after their sizzling play-off series for regular season honors. However, prognosticators are liable to be popped right on their prognostication in picking single games such as these and the other six teams in the meet have girded themselves for the battle of their lives to knock off the big

The opening double-header to-night will see the Calutrons and Bldg. 9212 cagers launch hostili-

Game No. 3 is scheduled for 7:15 p.m. Wednesday night and will bring the winner of the Calutron-Bldg. 9212 clash against the Isotopes, who drew a bye in the first round. The winner of the Guards-

with Game No. 5. The loser of Game No. 1 will play the loser of Game No. 4 in this one. At 8.15 p.m. Game No. 6 will pit the losers of Game No. 2 and Game No. 3 Game No. 7 May Be Gem

No. 6 will play Game No. 8.

The victor in Game No. 8, surviyor of the lower bracket and with but one defeat against it, will play the loser of Game No. 7 at 7:15 p.m., next Tuesday, March 15 after a week-end rest. This will be Game

May Get Winner March 16

The final victor of the event may be known after Game No. 10, set for 7:15 p.m., Wednesday, March 16. In this event, the undefeated top bracket team, winner of Game No. 7, will meet the victor of Game No. 9, which at that time will have polycopal very defeat. If the top bracket only one defeat. If the top bracket team is victorious, the curtain will be drawn, but if the lower bracket team comes out on top another game will be necessary

the tournament championship.

This game, if necessary, will be played at 7:15 p.m., Thursday, March 17.

shots. Two Teams Draw Byes

ties. After this scrap is over the Guards and Rough House Five will tangle at 8:15 p.m. These are Tournament Games No. 1 and No. 2.

Rough House Five wrangle will meet the Sure Shots in Game No. 4 at 8:15 o'clock Wednesday night. The Sure Shots also drew a first-The loser's bracket will get underway Thursday night at 7:15 p.m.

Game No. 2 and Game No. 3 Game No. 7 May Be Gem If the dope holds out and the Guards and Calutrons survive the assaults of their determined rivals, Game No. 7, set for 7:15 p.m. Fri-day, March 11, might well be the gem of the tournament as it brings together the victors in Game No. 3 and Game No. 4. At 8:15 p.m. the victors in Game No. 5 and Game

No. 9 in the tournament bracket. May Get Winner March 16

MOST OF THE PRIZE WINNERS IN THE Y-12 PLANT-WIDE BOWLING TOURNAMENT held March 5 and 6 are shown in the two pictures above. At top is a group of the victors in various classifications while below is the Wolves team of the B League that copped team honors in the event. Seated in the tcp picture are Rudy Pletz left, and Nick Zabenco, both of Dept. H12D, top doubles team. Standing are Bill Burns, Dept. H12L, Ernie Kennedy, Russell Allstun and Richard Dew, all of Dept. A16N; Ed Sise, Dept. M12D; Bill Schultz, Dept. B12L; and Frank Gragg, Dept. M12P. Members of the Wolves team, from left, are Dew, Kennedy, Sise, Allstun and Gragg. Conrad Roberts, of the Wolves, and J. B. Capehart, another prize winner, were unable to be present when the pictures were made last Wednesday. Complete details of the tournament are given in a news story on this page.

For C Loop Runnerup

With alley activities nearing conclusion the general situation in conclusion the general situation in the C League tightened up some-what last week with a three-way tie developing for second place in the loop. The Materializers, dividing four points with the Bldg. 9206 pinmen, managed to hold their four-point advantage on top of

Guards, Moles In Running The second place deadlock was between the Thin Pins, Hooks and The Y-12 varsity basketball team selected by managers of various plant league quintets made its debut in the Southern Appelachien three times to create the tie. The Guards and Moles are not far behind the leaders.

> Riddle, of the Orphans; and Reinhardt, of the Hooks; took individual scoring honors. Riddle scored a 210 scratch single game and 251 handicap single tilt. Reinhardt's 572 was tops for a scratch series tally and he boosted it to 673 with handicap.

Orphans Hog Team Honors

The Orphans hogged team scoring honors with a 793 scratch single game, hiked to 983 with handicap, and a scratch series total of 2,258. The Guards posted a 2,862 any, you may as well go the limit. handicap series score for tops.

Three Teams Are Tied Gragg And Burns Capture Most Individual Trophies: Wolves Best Team In Pin Meet

It was the Wolves' night to howl down at the Oak Terrace bowling alleys March 5 and 6 as the B League entry in the plant-wide tournament copped first place among the five-man teams and Frank Gragg, valuble member of the quintet, romped away with most of the individual

Apple Knockers Knock Off Jim Crows To Climb Ladder

The Apple Knockers took three from the Jim Crows in the Dept. H12L League last Thursday night

cratch single, 240 handicap single and 623 handicap series scores. Caldwell of the Apple Knockers, got a 507 scratch series tally. The Apple Knockers hogged team honors with a 734 scratch single game, 2,113 scratch series and 2,761 handicap series. The Beetle Baums horned in with a 978 handicap single game.

Tourists: People who travel for thousands of miles to get a kodak picture of themselves standing by the car.

The Wolves rolled a neat 2,496 scratch series and 2,970 handicap score to top the 26 teams entered in the event. Each team member re-ceived a trophy.

Gragg Grabs Five Trophies

Gragg bagged five of the handsome trophies offered by the Company in the tournament. He was pany in the tournament. He was tops with a scratch series score of 608, handicap series of 674, scratch in all events with 1,742 and first in handicap in all events with 1,940. The Dodgers repulsed a bid of the Kemps in the W League of women bowlers last Thursday night to increase their lead in the loop The Beetle Eaum's Frazier took He also received a trophy as memmost individual honors with a 195 ber of the Wolves team.

Closely pushing Gragg for prize snatching was Bill Burns, of the All Stars. He was second in handicap doubles with 1,231, high in handicap single game with 264, second in scratch score for all events with 1,645 and second handicap in all events with 1,897. J. B. Capehart, of the Beetle Baums, was second in handicap series with 644. Zabenco's Split Wins Doubles

Nick Zabenco, of the Pinbusters; and Rudy Pletz, of the Comets, scored a one-pin victory in the dou-(Continued On Page 4)

Dodgers Increase Advantage With Victories In W Loop

and monopolized team scoring honors. The Dodgers blanked their

The Wholly Rollers jumped into second place by taking two games from the Beta Pickups and the Controllers blanked the Hi Balls

with three victories.

with three victories.
Frazier, of the Betas, topped series scores with 456 scratch and 654 handicap. Betty Sherman got the best scratch game of 181 and Wiggins, of the Dodgers got a 237 handicap single game. The Dodgers swept across the board with 567 scratch single 1541 scratch sories. scratch single, 1,541 scratch series, 816 handicap single and 2,289 handicap series.

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Y-12, K-25 Pinmen Roll For Final Rating

It was possible for the Y-12 men's varsity bowling team to finmen's varsity bowling team to finish as high as second place or a possible tie for that spot in the last half of the season play in the Oak Ridge City League last night when the final roll-offs were held. The Y-12 pinmen met the K-25 keglers in the alley activities last night for their last league appearance of the season.

Y-12 In Four-Way Tie
Prior to the festivities last night
the entire league race showed a
number of ties. Y-12 was in a fourway deadlock with K-25, Monroe
Calculators and the Wholesale
Grocers for fourth place. Allards
was far out in front and a sure
winner in the second half play.
Marot Jewelers was second and
Clinch Radio and Addressograph
tied for third.

After the play tonight to deter-Y-12 In Four-Way Tie

After the play tonight to deter mine the standing for the second half play, the league championship will be decided Saturday night, March 12, when the K-25 team, winners of the first half, meet the

winners of the first half, meet the red-hot Allards pin smashers. Hestilities begin at 7 o'clock at the day for the last week Y-12 dropped two out of three kames to Clinch Radio. The kame scores were Y-12 794, 1878 and 1884 for a total of 2,556. Clinch posted 872, 922 and 855 for a total of 2,659. The Y-12 individual scores were bunched with Nick a total of 2,559. The 1-12 individual scores were bunched with Nick Zabenco leading the pack with 522, followed by Rudy Pletz with 514, Nelson Tibbatts with 507, Ernie Cobble with 502 and Harold Duncan with 501. Tibbatts had the best single game score with 198 and Duncan and Cobble each posted games of 191.

Gragg And Burns Capture Most Bowling Trophies

(Continued From Page 3) (Continued From Page 3) bles event over Burns and Bill Schultz. Zabenco picked a six-seven split in the last frame to give his side a 1,232 to 1,231 victory. The victors had a 1,073 scratch score against 1,048 for the second place pair. Allstun and Kennedy were third with 918 scratch and 1,194 handicap and Knox and Hagleston with 937 and 1,189 were fourth in doubles. in doubles.
Other high single scores with

scratch and handicap figures for three-game series were posted by Brundage 498-627; Crouse 507-624; Musser 513-624; Crabtree 510-615; Cobble 535-607; Schmitt 499-607; Baker 521-602; and Knox 471-594. Koons Also Scores Split

Another high point of the tourna-ment in addition to Zabenco's split was the most unusual seven-ten pin split pickup by Koons. This is one of the most difficult plays in the

Here is how the five men teams finished in the competition by han-

dicap scores:
Wolves 2,970; Dept. A12M 2,907;
Termites 2,887; Rippers 2,865;
Cherry Pickers 2,864; One-91 2,857;
Comets 2,843; Scotties 2,840; Woodpeckers 2,832; Beetle Baums 2,779;
Strikers 2,776; All Stars 2,764; Pin Busters 2,754; Moles 2,753; Splin-

Standings In Plant **Bowling League**

				_	
			AGUE		
Team	V	V L	Team	W	L
Rippers	31	13	Maintenance	23	21
All Stars				20	24
One-91 Woodpeckers	28	16	Bums	16	28
Woodpeckers	27	14	Comets	16	28
Wolves					29
Head Pins	24	20	Dept. A12M	10	34
	C	LE	AGUE		
Team	W	L	Team		L
Materializers	31	17	Guards	25	23
Thin Pins	27	21	Moles	24	24
Hooks	27	21	Bldg. 9206	18	30
Orphans	27	21	K'busters	14	34
	D	LE	AGUE		
Team	W	L	Team .	W	L
Overheads	23	9	Strikers	14	18
Scotties	19	13	Woodchoppers	14	18
Termites	18	14	Pinbusters	13	19
Old Men	15	17	Splinters	12	20
DEP	T.	H12	L LEAGUE		
Team	W	L	Team		
Cherry Pick's	22	14	Apple Knock's	18	18
Beetle Baums	21	15	Jim Crows	11	25
	w	LE	AGUE		
Team	W	L	AGUE Team	W	L
Dodgers	16	5	Controllere	10	11
Wholly Rollers	12	9	Beta Pick-Ups Hi Balls	8	13
Kemps	11	10	Hi Balls	6	15

Calutrons Take Rubber Game To Take Plant Loop Title

(Continued from Page 3) free throws.

That first battle on Tuesday night was a ding-dong affair with the Calutrons winning out only in the overtime period on a free throw by Long John Ramsey. The boys in blue had a six-point lead with only three minutes to go in regulation time but a desperate rally by the Cals tied it up and the extra period was needed.

George Oliphant, playing his first game in some time with the Calutrons, accounted for 10 points to nine for Ramsey in leading his teammates to victory. The Guards' mainstay was Clevenger with an even dozen counters, closely fol-lowed by Shoemaker with nine and Blankenship with eight.

The Calutrons almost repeated history on Wednesday night when the Guards entered the last few minutes of play with what appeared to be a safe lead. However, the Guards had profited by their experience of the previous night and cut off the rally by their rivals. Blankenship and Shoemaker led the Guardsmen to victory in this the Guardsmen to victory in this one with 12 and 10 points respectively with Clevenger adding four and Bentley two. The Cals missed Oliphant in the lineup and it was Ramsey who carried the scoring burden, slashing the nets for 10 points. Cottrell and Crouse got five each, Dodson four, Braden three and Mason one. and Mason one.

As a result of their victory in the play-off for the season's title, the triumphant team members will receive gold basketball watch charms, suitably engraved.

CHILD SAFETY TAUGHT

Teachers of more than 2,000,000 children in elementary grades of United States schools last year received American Red Cross guides for safety instruction. These guides are periodically revised and brought up to date in an effort to reduce the number of accidents involving children en route to or from school.

Two Y-12 Men Named To Posts By Ridge Chorus





John Redman

Two Y-12 employees have been elected to posts in the Oak Ridge Community Chorus for the coming year as the musical group makes plans for its next concert sched-

plans for its next concert scheduled for some time in April.

John Redman, Dept. H12D, has been elected business manager of the Community Chorus, and G. J. Nessle, also of Dept. H12D, is librarian of the group. Other officers of the chorus include Ray Gustafson, president; Ruth Lisso, secretary; and C. E. Weldy, publicity manager.

licity manager.

At the April concert the chorus will present "The Passion According to St. Matthew," by Johann Sebastian Bach. Rehearsals are being held at 7:30 o'clock every Tuesday night in the music room of the Jefferson Junior High School and every resident of Oak Ridge who can read music is invited to join the group in preparation to join the group in preparation for the concert. Riley Barrett is director of the Community Chorus.

Leaders Lose Ground In B Loop Bowling

The Rippers and All Stars, one-two teams in the B League of plant bowlers, both got bumped for three points by the Mules and Head Pins respectively last Thursday night but the loop standing was not materially changed by the outcome of alley activities at the session. The One-91 team mounted one

The One-91 team mounted one rung to third by whitewashing the Cubs for four points. The Wolves took three from the Woodpeckers and the Dept. A12M crew turned the same trick against the Comets.

Maintenance and Bums divided.

Individual scoring was widely split. Scratch single honors went to Barker, Head Pins, with 205. Gragg, Wolves, posted high scratch series with 556. Thurman, Dept. A12M, got high handicap single with 239 and Sise, Wolves, rolled the high handicap series of 628.

The Woodpeckers got best scratch and handicap single games with 886 and 1,024. The Wolves duplicated in series scores with 2,469 and 2,958.

Pocket Billiard Team Of Y-12 Lose To K-25; Drops To Last

The Y-12 pocket billiard team in

The Y-12 pocket billiard team in the Oak Ridge City League battled valiently against the K-25 cuemen February 27 but could only win two points while losing four and dropped to the cellar spot in the loop. There were no lop-sided games in the entire match and only 25 balls separated the two teams in the final score.

Capt. M. C. (Red) Wiest's boys had a good chance to get out of last place last night when they played the Oak Ridge National Laboratory outfit, which has occupied the basement spot for most of the second half of the season. However, next Sunday night Y-12 meets league-leading Roane-Anderson and must be at top form to handle the R-A sharks.

Victories for Y-12 against K-25 were turned in by W. B. Motley over Rassler, 75-72; and Wiest over Sproles, 75-58; R-25 triumphs were scored by Carter over W. C. Walker, 75-67; Linville over C. E. Harris, 75-58; and Gordon over W. Minge, 75-55. The three victories and total balls, 355 to 330, gave K-25 their four points.

GIFT BOXES SHIPPED

GIFT BOXES SHIPPED

The American Junior Red Cross packed and sent approximately 750,000 gift boxes last year to needy children in war-devastated countries.

Union Camera Club Picks Photo Judges

Three outstanding artists have been selected to judge entries in the coming nation-wide picture contest to be staged by the Union Carbide Camera Club in New York City May 19, it has been announced by the print committee of the club. The contest is open to all employees of Union Carbide and Carbon Corporation and its member com-panies, of which Carbide and Car-bon Chemicals Corporation is one.

Judges Are Well Known
The judges in the contest will be Victor Keppler, well-known advertising photographer; Al Dorn, Saturday Evening Post illustrator and president of the Institute of Commercial Art; and Bruce Downs, picture editor of Collier's Magazine.

Several members of the Carbide Camera Club in Oak Ridge, com-posed of employees of the three Carbide installations here, have expressed interest in the New York contest and it is expected several Oak Ridge entries will be among the pictures on display. A number of outstanding photographs have been made by Carbide Camera Club members during the past several months and entered in the monthly contests held by the club. Need Not Be Club Member

However, it is stressed that en-trants in the New York contest need not be members of the Carbide Camera Club here to participate in the event. It is open to all employees of Union Carbide or one of its

units.

In the New York contest the In the New York contest the picture voted outstanding by the judges will be the "Picture of the Year." The photographer entering the prize winning picture will be awarded a beautiful sterling silver cup, suitably inscribed, designed and made by the famous Tiffany jewelry concern of Fifth Ave., New York. This trophy will become the permanent property of the winner. Many Other Prizes Awarded

To give all employees of the various Union Carbide units throughout the country a chance for honors, three prizes and three honorable mention citations will be awarded out-of-town entries in addition to similar prizes for the members of the Union Carbide Camera Club, composed of em-ployees of the company in New

Simple rules cover the contest.

They are:
1. Entrants must be an employee of Union Carbide or one of its

2. Only one picture may be enter-

ed by a contestant.

3. Pictures may be of any size but must be on a 16 by 20 inch mount to insure uniformity in exhibition.

Prospective entrants in the contest are urged to prepare their favorite picture now and mail it to the Print Committee, Carbide Camera Club, 30 East 42nd St., New York, 17, New York.

Y-12 Keglerettes Top K-25 Cousins

The Y-12 women bowlers in the Oak Ridge City League grabbed two out of three games from their K-25 cousins last Thursday night. The Y-12 lassies posted scores of 711, 701 and 600 for a total of 2,012. to games of 703, 624 and 627 for a total of 1,954 for K-25.

The Y-12 women bowlers will meet the Oak Ridge National Lab-

oratory keglerettes this week.

Badminton Team Of Y-12 Wins

The K-25 badminton artists were no match for the Y-12 outfit last Thursday night, as Y-12 pulled out an 8 to 2 triumph to hold second place in the Oal. Ridge City League. Oak Ridge National Laboratory is leading the league with 41 games won and nine lost, Y-12 has 33 victories and 17 losses, K-25 has a mark of 22 and 28 and Fairchild has been battered around for a 4 and 46 mark.

Observe all plant security rules it is your outstanding duty.

Bettye Hughey Star Majorette, **Also Instructs**



Bettye Hughey

That high-stepping young ma-jorette seen agilely whirling a baton at sports events involving the Jefferson Junior High School band Jefferson Junior High School band and leading numerous parades in Oak Ridge during the past three years is Bettye Hughey--pretty, 14-year-old daughter of Y-12 Fire Chief J. W. Hughey. Bettye's baton wielding has been going on for a long time--her proud father declares ever since she was

father declares—ever since she was old enough to hold a wand in her hand. Her first public appearance was at the age of five when she was flower girl in the Memphis Cotton Carnival and she continued to be active in entertainment, music and her favorite hobby of baton acrobatics as a member of the Lamar Community Club band, also in Memphis.

Now in the ninth and highest

grade at the Jefferson Junior High School, Bettye not only proudly steps out at the head of the school band but also teaches other stu-dents the knack of spinning the stick. According to Miss Alice Lyman, band director, she does an excellent job of instructing.

Dr. C. C. Shull Will Conduct Joint Physics Seminar Meet

The Joint Physics Seminar ses-The Joint Physics Seminar session set for Friday, March 11, will be addressed by Dr. C. C. Shull, of the Physics Division of the Oak Ridge National Laboratory. The meeting will be held at 4 p.m. in the East Lounge of the Ridge Recreation Hall.

Neutron differention studies have

Neutron diffraction studies have been carried out at the Oak Ridge National Laboratory since 1946 by Dr. E. O. Wollan and Dr. Shull with the idea of establishing var-ious crystal and nuclear scattering properties. These studies have been of interest because of their basic nuclear physics implications and also because of their usefulness in extending X-Ray and electron diffraction studies of crystal struc ture. Numerous applications in both fields have been made, and these will be described along with the experimental techniques which have been developed.

ATOMIC WORK SAID SAFE

Dr. Roblev Evans, Massachusetts Institute of Technology scientist who is in charge of building a cy-clotron for the institute, is quoted in a recent news story as terming manufacture of atomic products the safest of all industries. Dr. Evans cites safeguards inaugurated to prevent recurrance of attacks of eye cataracts reported by five physicists engaged in atomic energy research.